



COTTON UNIVERSITY

Department of Physics

Panbazar, Guwahati- 781001, Assam, India

Website: www.cottonuniversity.ac.in

NOTICE

Department of Physics, Cotton University is going to organize a *Three-day Lecture and Hands-on training on GEANT4* during 15-17 June 2023 at Physics department premise. Dr Moon Moon Devi, Assistant Professor, Tezpur University has kindly consented to be present as Resource Person for the training.

GEANT4 is a platform for the simulation of the passage of particles through matter using Monte Carlo methods. It is the successor of the GEANT series of software toolkits developed by The GEANT4 Collaboration, and the first to use object-oriented programming. Applications built on GEANT4 can simulate any setup or detector and radiation source, and record chosen output of physical quantities due to source particles and secondaries interacting with the material of the setup. This programme will help our research scholars in learning GEANT4 simulations.

The programme will start from 11:00 am on 15th June 2023 with the inaugural session which will be followed by the Lecture sessions and Demonstration and hands-on training sessions. The programme will be ended with a concluding session at 4:00 pm on 17th June 2023. Postgraduate students and Research Scholars from Cotton University, Gauhati University and B Barooah Cancer Institute will be participating in the programme.

Interested students from the field of Nuclear Physics, High Energy Physics, Radiation Physics, and faculty members can join the programme with prior information to the undersigned.

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